

## ABSTRACT OF DISCLOSURE

The supporting structure for a rod integrator 300 includes, for example, holding members 350a, 350b for holding the rod integrator 300, and supporting units 360a, 360b for supporting the holding members. Each  
5 holding member 350a contacts by its planar portions (walls) respectively with two side surfaces of the rod integrator 300 adjacent to one another. The holding member 350a has a clearance such that the holding member does not contact with the edge shared by the two side surfaces of the rod integrator 300. The supporting unit 360a includes, for example, a  
10 supporting member 361a and screw 362a. The supporting unit 360a supports the rod integrator 300 by pressing of the screw 362a along the direction of the diagonal of the rod integrator 300 via the supporting member 361a. By doing so, chipping and scratching proximate to the edge can be reduced, and soiling of the reflecting plane can be prevented.